CANADIAN INSTITUTE

GENERAL INDEX

TO

PUBLICATIONS

1852-1912

Errata

Preface, line 12 for puer read pure.

p. 60, under *Brayley, Ed. W.*, for regulation read regelation.

p. 81, the reference for "Coat of Arms" should be IV. IX II instead of IV IX 2.

p 159, after *Emberiga* for *Enivalis* read *E. nivalis.*

p. 351, under *Œnothera, L., etc.*, for O. abnormal development in read Œnothera, abnormal etc.

Lacerta agilis, see p. 270 after *Lanchester.*

Lake Superior, p 269 see also *Superior, Lake* p. 464.

Philiota, see p. 378 after *Pholerite.*

JOHN PATTERSON, M.A.

Hon. Secretary

Price $5.00

UNIVERSITY PRESS
TORONTO
1914

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COMPILED AND EDITED BY

JOHN PATTERSON, M.A.

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Preface.

It has hitherto been a serious handicap to all those who may have found it necessary or desirable to consult the publications of the Canadian Institute that no Index existed to make the contents of these publications easily available. In order to remove this handicap Mr. J. B. Tyrrell, when President of the Institute, took up the question and by his generosity in undertaking to finance the compilation of the index made it possible for the Council to proceed with the work. The present time is especially opportune for issuing the index, as it includes all the volumes published by the Institute before it received the title "Royal". It is suggested that in future an index for every ten volumes should be issued.

The Publications began in 1852 and up to the present 34 volumes have been issued. These volumes contain articles on many branches of puer and applied Science, Economics, Art, Literature, etc., and are representative of the growth and trend of scientific thought in Canada. In the earlier volumes, when magazines dealing with special branches of Science were few, the Canadian Journal formed one of the principal means by which the scientific labours of the Canadians of that day found expression, but with the growth of literature and with the specialization in almost every branch of human learning, the means for publishing papers in Journals dealing directly with the subject involved have greatly increased; as a result the Transactions of the Institute have come to deal more with purely Canadian subjects and general problems.

In compiling the index, in view of the varied character of the articles, it was determined to make a general index of the papers and their contents without any attempt to classify the entries under the various branches of science to which they belong nor to give the subjects and authors in separate parts. A person desiring to look up a particular name simply has to look for that name, or in the case of a subject the names under which that subject would most likely be given. It is hoped that this method will make it a simple matter to look up any reference that may be given in the Publications.

The work of compiling the index and supervising its publication was entrusted to Mr J. Patterson, the honorary secretary of the Institute, who with Mrs. Patterson has carried out the work with care and accuracy.

The expense has so far been met by contributions of Members of the Institute. The names of these are as follows: J. B. Tyrrell, Sir Sandford Fleming, Sir Edmund Walker, Alex. Longwell.

To all these Members, and to Mr. and Mrs. Patterson, and to all who have helped in this work, the Council are deeply grateful.

FRANK ARNOLDI,
President.

16569

Author's Preface.

In preparing this Index of the Publications of the Canadian Institute the aim has been to give as full and complete an Index as possible of papers that cover almost the entire range of scientific and literary study. The entries were all made by Mrs. Patterson or myself and in order to avoid errors in the references they were verified by both of us.

The following members and friends of the Institute have very kindly read the proof to correct archaic spelling and detect typographical errors—Professor J. P. McMurrich, Professor D. R. Keys, Professor J. H. Faull, Prof. E. M. Walker, Mr. A. MacLean and Miss Jennie Macfarlane. The author desires to take this opportunity of expressing to them and to many others who helped in the work his thanks for their valuable aid in increasing the accuracy of the Index.

J. PATTERSON.

Explanation of the Index

Introduction.

This is a general index of the papers and their contents contained in the Publications of the Canadian Institute. No attempt has been made to classify the entries under the leading branches of science except where the title of the paper had no reference other than metaphorical to the subject; in such cases the title is given under the branch of science to which it belongs. Cross entries are avoided as far as possible.

The index is to be used like a dictionary, the entries being arranged in alphabetical order.

Publications.

The Publications of the Canadian Institute have appeared in four principal series and one minor series as follows:

First series—"The Canadian Journal", a Repertory of Industry, Science and Art and a Record of the Proceedings of the Canadian Institute", 3 vols., 4to. Began August 1852, ended December, 1855.

Second series—"The Canadian Journal of Science, Literature and History (new series)". 15 vols., 8vo. Began January 1856, ended January, 1878.

Third series—"Proceedings of the Canadian Institute". 7 vols. Began 1879, ended April, 1890.

Fourth series—Transactions of the Canadian Institute. Began October, 1890, and up to December, 1912, 9 volumes have been published.

Minor series—"Proceedings of the Canadian Institute (New Series)". From 1897 to 1904 two volumes in this series were published concurrently with the Transactions of the Canadian Institute and contain short papers. They have not been included in the General Index but the list of papers is given under authors in an appendix on pages 517 and 518.

In the Index the Large Roman numerals refer to the Series, the Small Roman numerals to the Volume and the Arabic numbers to the Page.

Type

Black face —The identification word or phrase is given in black face.

Small capitals—Titles of papers are all given in small capitals under the black face heading.

Roman type —The special feature of the subject to which the reference refers is given in Roman type.

Abbreviations and Signs

Abstract—Abstracts of many papers are given, and this is indicated by the word "abstract" at the end of the title. In cases where the abstract and the paper in full are given, the reference to the abstract is indicated by giving on a separate line immediately following the title the word "abstract" and the reference.

(pl.)....—The subject is illustrated by a drawing, map or plate

Ref.....—Authors whose works are quoted in the volumes are given with the subject matter to which the quotations refer and the word "ref." is printed at the end to indicate that at the place indicated a reference to the original paper will be found.

Reprint.—The first volumes published by the Canadian Institute contain reprints of papers from other periodicals, and this is indicated by the word "reprint" at the end of the title.

When the first word of the subject has to be repeated, as in the scientific names of species, only the first letter of the word is given.

Authors.

Under the authors' names the titles of their papers are given in alphabetical order followed by any other references that may be made to them.

In the case of multiple authorship the original order in which the authors' names stood is indicated as follows:

JONES, A. B. and C. D. WISE.
WISE, C. D., A. B. JONES and.

J. PATTERSON.

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